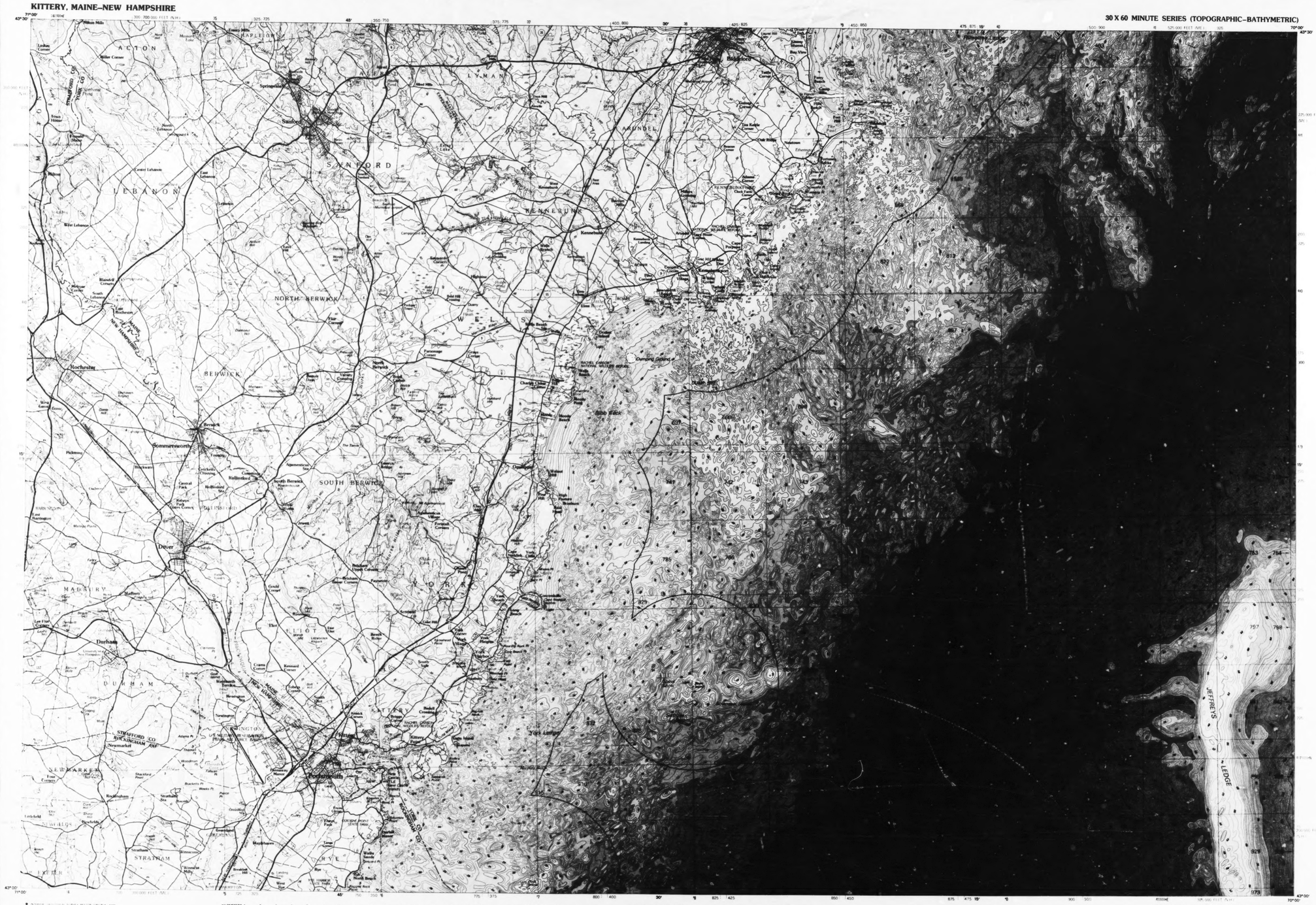
KITTERY, MAINE–NEW HAMPSHIRE

30 X 60 MINUTE SERIES (TOPOGRAPHIC–BATHYMETRIC)



SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

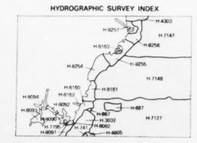
CONTOUR INTERVAL 10 METERS

KITTERY, MAINE–NEW HAMPSHIRE
43070-A1-TB-100
1985

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-767	1930	1:40,000	20.46
H-1121	1933-34	1:40,000	20.46
H-3032	1939	1:20,000	04.42
H-4303	1939	1:20,000	02.25
H-6254	1947	1:40,000	05.36
H-7127	1947	1:40,000	05.36
H-7147	1948	1:40,000	60.40
H-7256	1948	1:40,000	60.40
H-7748	1950	1:5,000	01.03
H-8090	1953-54	1:5,000	01.05
H-8091	1953	1:10,000	02.08
H-8092	1953-54	1:10,000	02.08
H-8093	1954	1:10,000	02.16
H-8094	1954	1:10,000	02.16
H-8180	1954	1:10,000	02.08
H-8181	1954-55	1:10,000	02.08
H-8182	1954	1:5,000	01.03
H-8183	1953-54	1:5,000	01.03
H-8254	1954	1:10,000	02.14
H-8255	1955-56	1:10,000	02.12
H-8256	1956	1:10,000	01.12
H-8257	1956	1:5,000	01.06

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and other surveys may be obtained at the cost of reproduction by addressing the Director (C 2X2), National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852

43070-A1-TB-100

Kittery

MAINE–NEW HAMPSHIRE

1:100 000-scale *metric*
topographic-bathymetric map

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SERVICE

1985

Produced by the United States Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000-scale topographic maps dated 1956-1983
Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1985

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes

Mean high water (dashed line) and datum high water (heavy solid line) compiled by NOS from tide-coordinated aerial photographs. Apparent shoreline (water edge of vegetation) shown by light solid line

Projection and 10 000-meter grid, zone 19, Universal Transverse Mercator
25 000-foot grid ticks based on Maine coordinate system, west zone and New Hampshire coordinate system
1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 5 meters south and 42 meters west

Offshore protraction survey data, shown in red, compiled by the Minerals Management Service. Heavy lines indicate limits of MMS Outer Continental shelf Official Protraction Diagram dated October 31, 1974. The protractions are current as of the publication date of this map. For such purposes, refer to the 1:250 000-scale OCS Official Protraction Diagrams available from the Minerals Management Service

There may be private subdivision within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOURS SHOWN IN METERS WITH SUPPLEMENTARY 5 METER CONTOURS. MEAN LOWER LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.123
5	16.404
6	19.685
7	22.966
8	26.2467
9	29.528
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Lake Winnipesaukee
2 Portland
3 Augusta
4 Concord
5 Laconia
6 Haverhill
7 Manchester
8 Nashua

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S., State
- Railroad: standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Built-up area; locality, elevation
- Airport, landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township, section
- Range, township, section line, protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery, building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream; lake, perennial; intermittent
- Rapids; large and small; falls, large and small
- Area to be submerged; marsh; swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request